MISSISSIPPI STATE DEPARTMENT OF HEALTH

# 2020 CERTIFICATION

## Consumer Confidence Report (CCR)

Bogue Chitto Water Association
*Public Water System Name*

0430001
*List PWS ID #s for all Community Water Systems included in this CCR*

The Federal Safe Drinking Water Act (SDWA) requires each Community Public Water System (PWS) to develop and distribute a Consumer Confidence Report (CCR) to its customers each year. Depending on the population served by the PWS, this CCR must be mailed or delivered to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Make sure you follow the proper procedures when distributing the CCR.

**CCR DISTRIBUTION** *(Check all boxes that apply.)*

| INDIRECT DELIVERY METHODS *(Attach copy of publication, water bill or other)* | DATE ISSUED |
|---|---|
| ☐ Advertisement in local paper *(Attach copy of advertisement)* | |
| ☑ On water bills *(Attach copy of bill)* | |
| ☐ Email message *(Email the message to the address below)* | |
| ☐ Other _____ | |
| **DIRECT DELIVERY METHOD** *(Attach copy of publication, water bill or other)* | **DATE ISSUED** |
| ☐ Distributed via U. S. Postal Mail | |
| ☐ Distributed via E-Mail as a URL *(Provide Direct URL)*: _____ | |
| ☐ Distributed via E-Mail as an attachment | |
| ☐ Distributed via E-Mail as text within the body of email message | |
| ☑ Published in local newspaper (attach copy of published CCR or proof of publication) | |
| ☑ Posted in public places (attach list of locations) Bogue Chitto Water Office--Southern 1 Stop | 5-15-21 |
| ☐ Posted online at the following address *(Provide Direct URL)*: _____ | |

**CERTIFICATION**

I hereby certify that the CCR has been distributed to the customers of this public water system in the form and manner identified above and that I used distribution methods allowed by the SDWA. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the PWS officials by the MSDH, Bureau of Public Water Supply.

| Name | Title | Date |
|---|---|---|
| Tammy Crosby | Secretary | 5-27-21 |

**SUBMISSION OPTIONS** *(Select one method ONLY)*

**You must email, fax (not preferred), or mail a copy of the CCR and Certification to the MSDH.**

**Mail:** (U.S. Postal Service)
MSDH, Bureau of Public Water Supply
P.O. Box 1700
Jackson, MS 39215

**Email:** water.reports@msdh.ms.gov

**Fax:** (601) 576-7800 (NOT PREFERRED)

**CCR DEADLINE TO MSDH & CUSTOMERS: BY JULY 1, 2021**

# Publisher's Certificate of Publication

## STATE OF MISSISSIPPI
## COUNTY OF LINCOLN

Kevin Warren, being duly sworn, on oath says he is and during all times herein stated has been an employee of Brookhaven Newsmedia, LLC, publisher and printer of The Daily Leader (the "Newspaper"), has full knowledge of the facts herein stated as follows:

1. The Newspaper printed the copy of the matter attached hereto (the "Notice") was copied from the columns of the Newspaper and was printed and published in the English language on the following days and dates:

05/12/21

2. The sum charged by the Newspaper for said publication is the actual lowest classified rate paid by commercial customer for an advertisement of similar size and frequency in the same newspaper in which the Notice was published.

3. There are no agreements between the Newspaper, publisher, manager or printer and the officer or attorney charged with the duty of placing the attached legal advertising notice whereby any advantage, gain or profit accrued to said officer or attorney

Kevin Warren, publisher

Subscribed and sworn to before me this
12th Day of May, 2021

Shandale Goodman Notary Public
State of Mississippi at large
My commission expires 7-30-2022

STATE OF MISSISSIPPI
SHANDALE GOODMAN
NOTARY PUBLIC
ID No. 93057
Commission Expires
July 30, 2022
WARREN COUNTY

Account # 230686
Ad # 1238478

BOGUE CHITTO
P.O. BOX 101
BOGUE CHITTO MS 39629

2020 Annual Drinking Water Quality Report
Bogue Chitto Water Association, Inc.
PWS#: 4350001
April 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Miocene Series Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Bogue Chitto Water Association, Inc. have received a lower susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Mary McMorris at 601 734 6642. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Monday of each month at 5:00 PM at the Bogue Chitto Water Association Office. The annual meeting will be held on January 15th at 7:00 PM at the Bogue Chitto Water Association Office.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during the period of January 1st to December 31st, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

*Action Level* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

*Maximum Contaminant Level (MCL)* - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

*Maximum Contaminant Level Goal (MCLG)* - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety

*Maximum Residual Disinfectant Level (MRDL)* – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

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*Parts per million (ppm) or Milligrams per liter (mg/l)* - one part per million corresponds to one minute in two years or a single penny in $10,000.

*Parts per billion (ppb) or Micrograms per liter* - one part per billion corresponds to one minute in 2,000 years, or a single penny in $10,000,000.

### TEST RESULTS

| Contaminant | Violation Y/N | Date Collected | Level Detected | Range of Detects or # of Samples Exceeding MCL/ACL | Unit Measurement | MCLG | MCL | Likely Source of Contamination |
|---|---|---|---|---|---|---|---|---|
| **Inorganic Contaminants** | | | | | | | | |
| 10. Barium | N | 2019* | .0039 | .0038 - .0038 | ppm | 2 | 2 | Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits |
| 14. Copper | N | 2018/20 | 1 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 16. Fluoride | N | 2019* | .578 | .567 - .578 | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| 17. Lead | N | 2018/20 | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems; erosion of natural deposits |
| Sodium | N | 2019* | 63000 | 58000 - 63000 | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents |
| **Disinfection By-Product** | | | | | | | | |
| 81. HAA5 | N | 2020 | 8 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection |
| 82. TTHM [Total trihalomethanes] | N | 2020 | 11.62 | No Range | ppb | 0 | 80 | By-product of drinking water chlorination. |
| Chlorine | N | 2020 | .8 | .8 - 1 | mg/l | 0 | MDRL = 4 | Water additive used to control microbes |

* Most recent sample. No sample required for 2020

As you can see by the table, our system had no contaminant violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Bogue Chitto Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

If you would like a copy of the 2020 CCR, it will be available at the Bogue Chitto Water Association Office located on HWY 51.

# 2020 Annual Drinking Water Quality Report
Bogue Chitto Water Association, Inc.
PWS#: 430001
April 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Miocene Series Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Bogue Chitto Water Association, Inc. have received a lower susceptibility ranking to contamination.

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|---|---|---|---|---|---|---|---|---|
| **Inorganic Contaminants** | | | | | | | | |
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| 14. Copper | N | 2018/20 | .1 | 0 | ppm | 1.3 | AL=1.3 | Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| 16. Fluoride | N | 2019* | .578 | .567 - .578 | ppm | 4 | 4 | Erosion of natural deposits; water additive which promotes strong |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | teeth; discharge from fertilizer and aluminum factories |
| 17. Lead | N | 2018/20 | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Sodium | N | 2019* | 63000 | 56000 - 63000 | ppb | 0 | 0 | Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents. |
| **Disinfection By-Product** | | | | | | | | |
| 81. HAA5 | N | 2020 | 8 | No Range | ppb | 0 | 60 | By-Product of drinking water disinfection. |
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| 17. Lead | N | 2018/20 | 1 | 0 | ppb | 0 | AL=15 | Corrosion of household plumbing systems, erosion of natural deposits |
| Sodium | N | 2019* | 53000 | 05000 - 53000 | ppb | 0 | 0 | Road Salt; Water Treatment Chemicals; Water Softeners and Sewage Effluents |
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Deliver payment to:

**BOGUE CHITTO WATER ASSOC.**
**P.O. BOX 101**
**BOGUE CHITTO, MS 39629**
**601-734-6642**

**FIRST-CLASS MAIL**
**PRESORTED**
**US POSTAGE PAID**
**ZIP CODE 39629**
**PERMIT # 07**

| | |
|---|---|
| Previous Balance: | 0.00 |
| WATER 1 USED 1030<br>PREV 1079630 PRES 1080660 | 20.00 |

Return this portion with payment.

Billed: 05/27/21

**NOTICE! YOU OWE THIS:**

**YOU OWE 20.00 by 06/15/21**

After 06/15/21 pay 22.00

YOU OWE THE FOLLOWING AMOUNT:

**YOU OWE 20.00 by 06/15/21**

After 06/15/21 pay 22.00

Last Pmt $20.00 05/06/21 RATCLIFF MARSHAL

SVC:04/22/21-05/20/21 (28 days) Acct# 00010

376 SOUTH ST.

**If you would like a copy of the CCR, it will be available at the Water Office, at your request.**

Acct# 00010

376 SOUTH ST.

Forwarding Service Requested

**RATCLIFF MARSHAL**
**376 SOUTH ST**
**BOGUE CHITTO MS 39629-8904**